

Introductory  
Lecture

for 1818—

By  
James Rush



Ni2 7406. F. 43e

LIBRARY COMPANY  
OF  
PHILADELPHIA.  
RIDGWAY BRANCH.

PRESENTED BY

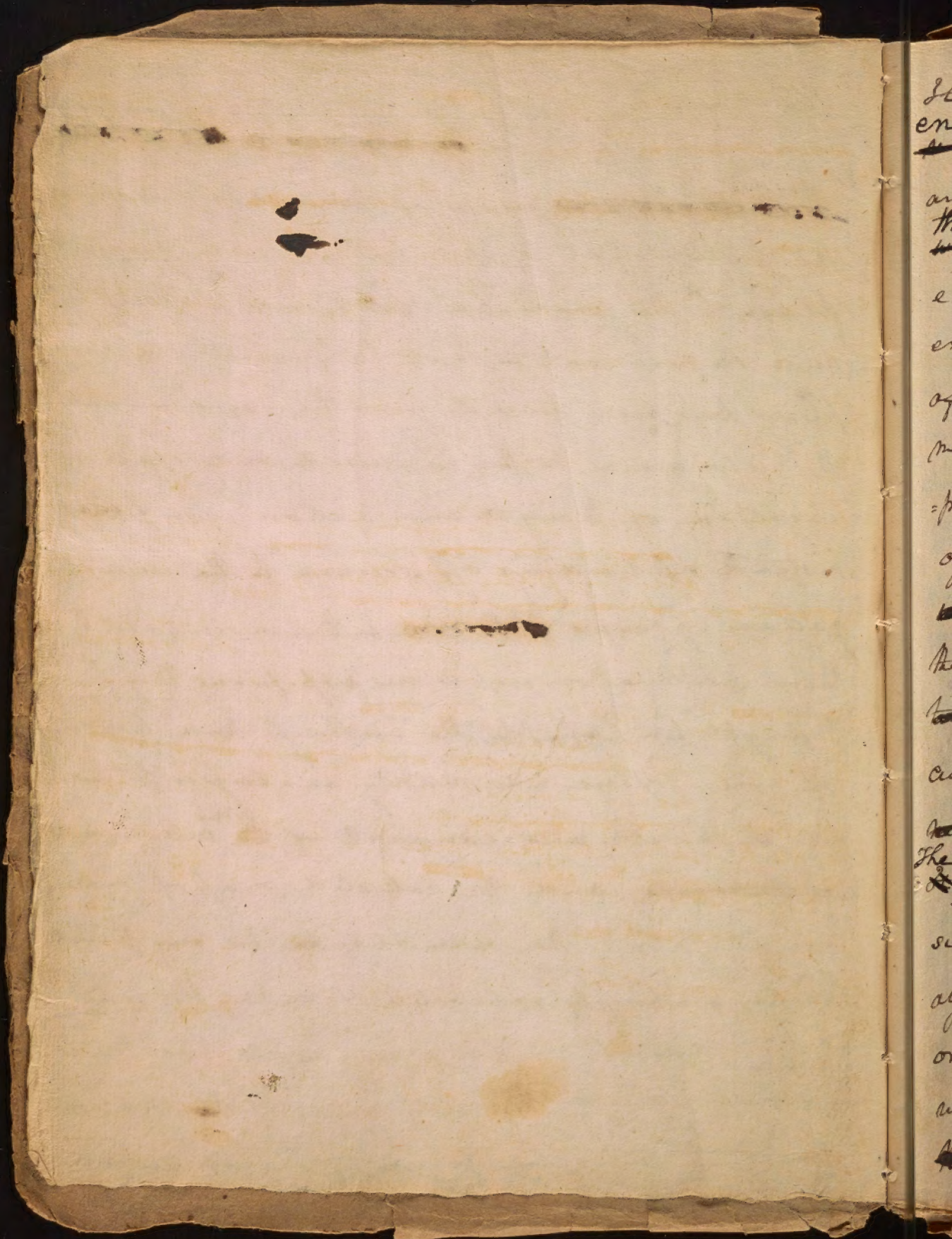
COMMUNITER BONA PROFUNDERE DEORUM EST.



Gentlemen.

It is the ~~not-giving~~ ~~characteristic~~  
~~not-giving~~ ~~characteristic~~ boast of modern science, that  
the fruitless efforts of speculation have given  
place to the productive labours of observation  
and experiment. - That the business of philoso-  
phers has been turned from the exercise of  
thought alone, to the combined and efficient  
exertion of thought and action. - and ~~that~~  
instead of leading off science to the invest-  
igation of causes ~~which~~ either inscrutable in  
their nature or useless in position, they have  
brought her home to the business and business  
of men. - There are many analogies between  
the character and conduct of <sup>an</sup> ~~the~~ individual  
~~of the race~~, and the collected mass of man-  
kind. - Nor is the resemblance in any point  
more strikingly exhibited than in the intellec-  
tual progress of the individual thro' the li-  
mited term of his years, and of ~~the~~ nations  
thro' the successive periods of their duration.

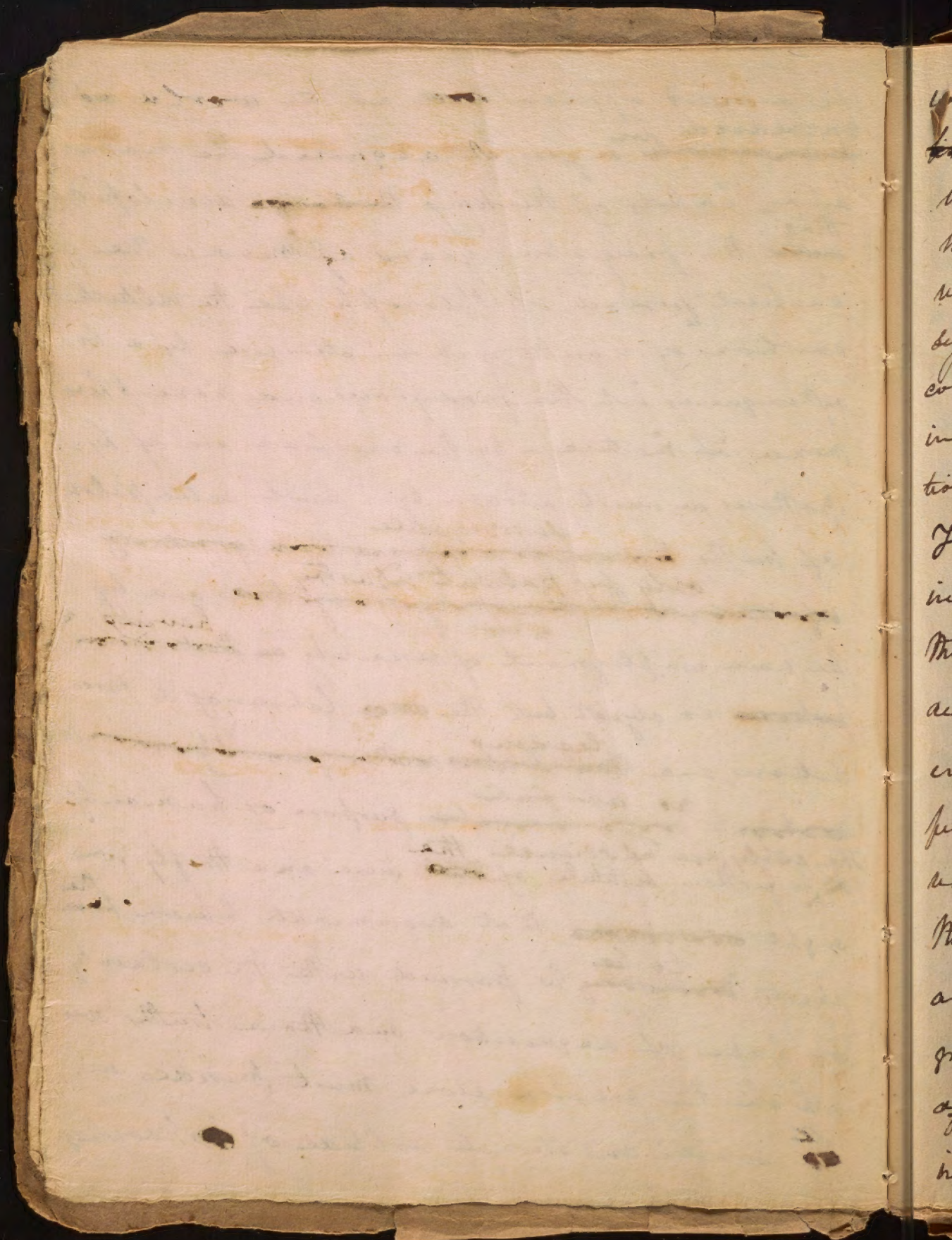






It wanted appear ~~more~~ as the world ~~and~~  
increased in ~~number~~ age, it acquired the modes  
and habits of thinking ~~that~~ developed  
~~the~~ the magnificence years of man - The  
earliest period of Philosophy like the intellectual  
exertions of youth is characterized by a love  
of inquiry into the prodigious and rare pheno-  
mena of nature - by the excessive use of hy-  
pothesis in investigation - by a hasty anticipation  
of truth, ~~but which can be only discovered~~ discoverable  
~~only by patient industry~~ only by patient industry  
~~and by the vain employment of research~~, and by  
the vain employment of research ~~on that point~~ having  
~~no other~~ no object but the ~~one~~ leading labour of its prose-  
cution, and ~~that~~ ~~leading~~ rather ~~fruitfully~~ ~~on a~~  
~~not to any purpose~~ no useful purpose of human life.  
The early age of science the  
is further institute of ~~that~~ wise and shrewd fore-  
sight ~~in the~~ that discriminates between ~~these~~ the  
objects ~~to be~~ to be pursued with the certainty  
or hope of acquisition, and those truths over  
which the creator alone must preside in  
the sublime and eternal solitude of knowledge.







with ~~an~~ <sup>an</sup> increase of years Philosophy ~~has~~  
~~been~~ ~~historically~~ ~~limited~~ by  
limiting the choice of ~~its~~ <sup>its</sup> pursuits to objects of  
human attainment, ~~and~~ has ceased to be co-  
netions of those ultimate and treasured truths, ~~pro-~~  
funda and seen by his Maker alone. - It has be-  
come too more cautious in its steps, more wary  
in its conclusions, more patient in its anticipa-  
tions, and more practical in its labours. -

The science of medicine has <sup>received</sup> ~~partaken~~  
in a certain degree ~~of~~ the benefits of  
this older age of philosophy, and the en-  
deavour of Physicians instead of being  
employed on subjects, ~~that~~ <sup>affording</sup> ~~offer~~ no pro-  
fit to labour, ~~have~~ <sup>are</sup> devoted to obser-  
vation and experiment on those points  
that promise success to <sup>investigation</sup> ~~the investigation~~  
and benefit to the world. It is to be re-  
gretted however that the rule and system  
of Philosophic industry so profoundly  
inculcated by Bacon and so clearly



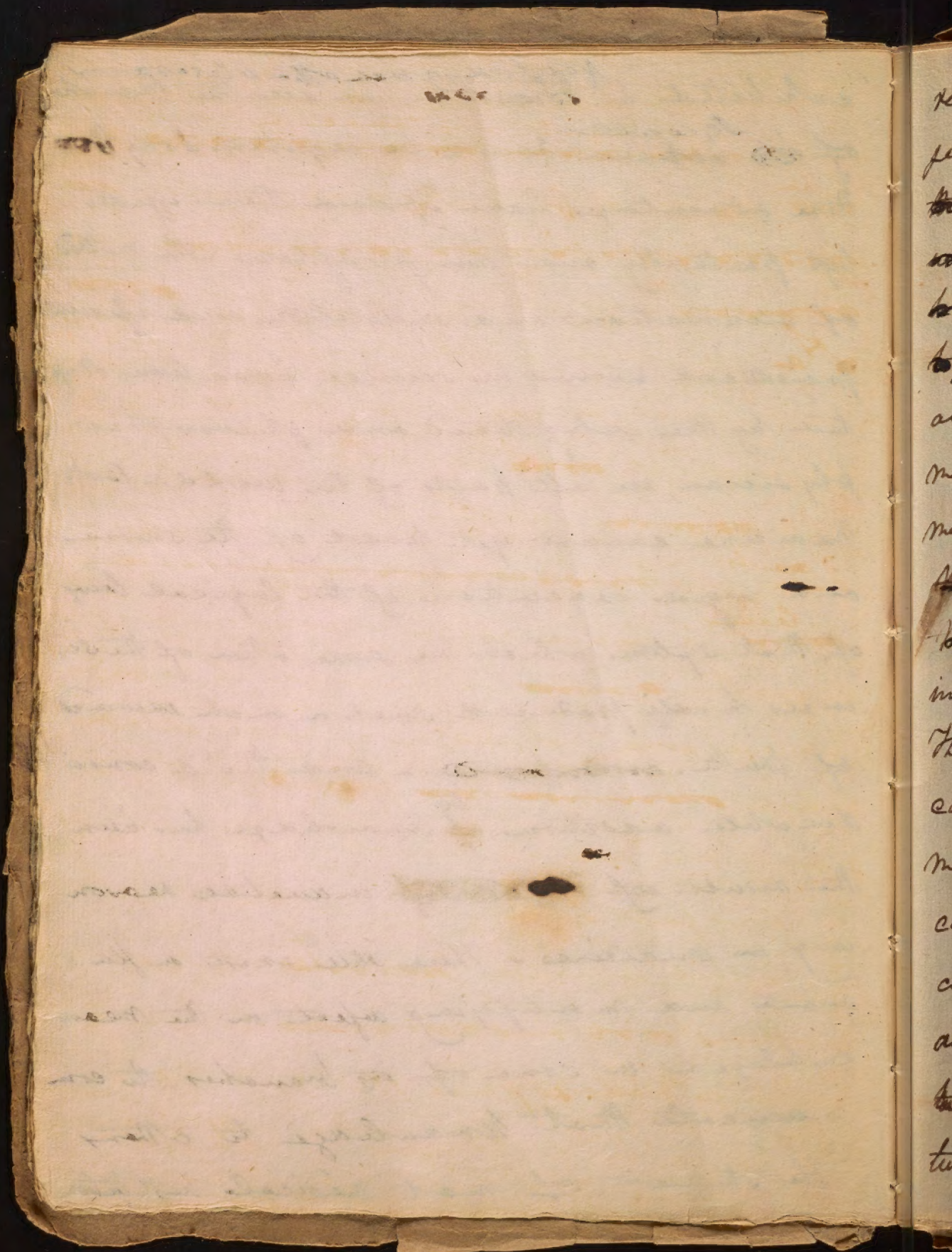
*[Faint, illegible handwriting on aged paper]*

e  
of  
the  
the  
of  
the  
an  
of  
in  
of  
d.  
the  
in  
gr  
e  
m



exhibited by <sup>Newton, and other observers</sup> ~~Stewart~~ in all the branches  
of <sup>science</sup> ~~his~~ ~~human~~. It is to be regretted to say ~~that~~  
these advantages have spread their effects  
least partially over our professions - the method  
of observation and induction and efficient  
practical views in science have been adop-  
ted by the enlightened and philosophic  
physician, in all parts of the world - But  
medicine cannot yet boast of the severe  
and rigid execution of the logical laws  
of that system, which in some other of the sci-  
ences has produced such a rich reward  
of truth. ~~and~~ ~~and~~ - and tho' a consi-  
derable addition <sup>to</sup> of knowledge has been  
the result of ~~the~~ ~~process~~ inductive reason-  
ing in medicines - There still exists a fla-  
grant and mortifying defect in the means  
employed in some of its branches, to com-  
municate that knowledge to others -  
The students of most medical institutions







receive their instructions on ~~a~~ practical sub-  
jects ~~in a manner entirely abstract~~ <sup>without assistance</sup> from  
~~the~~ <sup>the</sup> visible or palpable demonstration, ~~that~~  
~~with the least precision of language~~ <sup>with the least</sup> ~~contemplated in the duties~~ <sup>contemplated in the duties</sup>  
~~to a practical chair~~ - There is a branch in  
all medical colleges called the practice of  
medicine, but ~~as the~~ instruction in this depart-  
ment ~~is given~~ <sup>is given</sup> without the administration of  
~~its~~ <sup>its</sup> rules ~~being given for medicinal cases~~  
~~leaves~~ <sup>leaves</sup> no precise comprehension or durable  
impression ~~on~~ <sup>on</sup> the mind of the pupil  
There are some branches of a medical edu-  
cation ~~which have been~~ properly called de-  
monstrative, ~~and~~ <sup>as</sup> Anatomy Chemistry and  
certain parts of Surgery - But rejecting the  
confusing influence <sup>of</sup> ~~that~~ <sup>of</sup> ~~scholarship~~  
disquisitions ~~on the~~ <sup>on</sup> ~~the~~ <sup>the</sup> ~~and attending~~  
~~with the~~ <sup>with the</sup> ~~philosophical~~ <sup>philosophical</sup> scrutiny to the na-  
ture of the things themselves, we will find



*[Faint, illegible handwriting on a single page of aged paper. The text is mostly obscured by fading and bleed-through from the reverse side.]*

*[Faint, illegible handwriting visible on the right edge of the page, likely from the reverse side.]*



~~But~~ a properly conducted practical course  
is strictly as much a demonstrative branch  
as ~~any of~~ those above mentioned. — The descrip-  
tion of a symptom requires its perceptible ex-  
hibitions, equally with the attachments of a  
muscle, the properties of an alkali, and the  
shape of a gorget. — And the history of the Mo-  
dus operandi of a medicine, ~~in order~~ to be  
completely understood, calls for the sensible  
display of its effects on the patient, as certainly  
as a discourse on chemical affinities requires  
the exhibition of salts in a retort, or of gases  
under a receiver. — It is however the usual  
mode of College instruction, merely to describe  
the phenomena of diseases and the manner  
of curing them, <sup>leaving</sup> ~~without~~ ~~leave~~ the visible demon-  
stration of these things to be first displayed  
in the enquiry and observations of the  
students future practice. — What would  
be the sum of instruction even in the ac-  
cursed science of mathematics, if ~~it~~ <sup>were</sup>



*[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page.]*

*[Faint handwritten text visible along the right edge of the page, possibly from an adjacent page.]*



it ~~now~~ conducted in this way? and how could  
the successive steps of the teacher be com-  
prehensible by the pupil? Try to instruct a  
scholar, and you will find the loss of  
your labour - by aiming to prove to him  
the plainest theorem of Euclid or to work  
before him the simplest problem of arith-  
metic without the visible use of the mag-  
nitudes or numbers embraced by them, Re-  
ceive it at present, gentlemen, from my persua-  
sion, for you will believe it hereafter <sup>on</sup> from  
the conviction of a tedious experience, that  
instruction in the practice of medicine, demands  
the presence of a patient, as much as those  
other sciences require the use of the dia-  
gram and the slate. - It is not because  
the demonstrations of chemistry consist of the  
splendour of flame, and of harlequin  
~~changes~~ <sup>changes</sup> of colour, that they are  
exhibited to cheat a student of time or



he  
as  
~~and~~  
~~and~~  
new  
ter  
ia  
sy  
the  
for  
he  
~~to~~  
es  
be  
n  
I  
p  
a  
to  
in  
so



bequile him of an irksome hour of verbal  
descriptions. - Lis because the senses receive  
~~the communication~~ a force of impression and  
~~certainty~~ in physical instructions, ~~that can~~  
never be ~~affected~~ ~~completely~~ by the capricious at-  
tempts of the imagination to embody the  
ideas of written or oral ~~descriptions~~ <sup>discourse</sup>. - The  
symptoms of disease are visible or tangible  
things, and ~~consequently~~ for their full com-  
prehension require ~~describing~~ and actual ex-  
hibitions as much as any of the objects ~~that~~  
~~be~~ mentioned, and without ~~this~~  
exhibition, the attempted instruction is as  
vain as Chemistry ~~without~~ without expe-  
riments, or Surgery without operations. -  
I have said ~~that~~ the mode of our  
practical instruction is too general and  
and abstract, and ~~consequently~~ desti-  
tute of those defined and palpable  
images that constitute the efficient means  
for ~~the~~ communicating ~~of~~ knowledge.



*[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page.]*

The  
ex  
the  
the  
the  
we  
we  
ac  
the  
it  
pa  
ay  
it  
tic  
ple  
co  
ha  
in  
an  
lin



The practical ~~of~~ medical schools do not  
the chairs ~~call for practical~~ ~~information~~  
exercising the functions implied by ~~their~~  
~~little~~ ~~and~~ ~~may~~ ~~for~~ ~~may~~ it not be asserted  
~~that~~ the term practical lecture is alto-  
gether a contradiction in terms, for surely  
that cannot properly be called practical  
which describes only the thing to be done  
without exhibiting the best portion of its  
accomplishment. - It is the enunciation of  
the terms of a problem and the statement of  
its formula, without effecting the best  
part of its solution. - Let us illustrate the  
defects of the collegiate mode by showing  
its applications to some other art equally prac-  
tical with medicine. - Imagine you <sup>had</sup> ap-  
plied to a teacher of music, and ~~that~~ he  
commenced your instruction and endea-  
voured to make you a performer by read-  
ing ~~you~~ a lecture on the ~~relative~~ length  
and thickness of musical choros, ~~the~~  
~~theory of~~ ~~propositions~~ and the relations of



*[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page.]*

*[Faint, illegible handwritten text visible along the right edge of the page.]*



Sound  
~~instructions~~ that constitute ~~the~~ the range of  
unisons and discords, ~~then~~ Suppose, <sup>for this</sup> he des-  
cribed to you ~~the~~ the parts of the instrument,  
~~and~~ the manner <sup>of placing</sup> ~~you~~ ~~the~~ ~~instrument~~, and the  
succession ~~which you should move your~~ <sup>of moving</sup> your  
fingers - This would be to employ <sup>ing</sup> the same  
mode as the teacher of medicine who merely  
~~tells~~ <sup>tells</sup> to you <sup>of</sup> ~~about~~ the different states of the  
morbid pulse - of the ~~various~~ <sup>appearance</sup>  
of the blood, ~~of~~ the tongue, ~~of~~ the counte-  
nance, <sup>of the apices</sup> ~~of the secretions of the excretory~~,  
and the skin - But suppose the musician  
instead of this vain and fluttering instruction,  
which could scarcely be understood, and cer-  
tainly would not be retained, suppose I say  
he should exhibit before you the actual  
performance of the instrument, and putting  
one into your hand should ~~then~~ direct you  
in the successive steps of the process - thus  
combining in one momentary assemblage  
his precept and example and your own







improving trial. - Such an instructor would  
resemble the physician who takes his patients to  
at the bed side of the patient, ~~and then~~ <sup>the</sup> points  
out the visible ~~tangible and amiable~~ <sup>the</sup> symp-  
toms of disease; And by occasionally calling  
on <sup>his pupil</sup> ~~him~~ ~~to imitate and copying~~ and to give  
a ~~decision~~ <sup>decide</sup> upon ~~the symptoms~~ <sup>them</sup> ~~of~~ <sup>exciting</sup>  
an interest in his mind and impose  
~~a reflection on his mind and to impose a~~  
responsibility on his opinions, ~~that would~~  
~~excite an interest which could never be~~ <sup>never take</sup> effected  
by verbal description alone. - <sup>This</sup> ~~Such~~ process  
would make a physician as the other would  
make a musical performer. - The common  
~~mode~~ <sup>mode</sup> made of lecturing ~~medicine~~ to a  
class has I fear brought the teacher under  
the conviction of that hard hearted sin  
and the student to that state of starving  
misery of asking for bread and receiving  
a stone. - It does not require long hesitation  
~~at present~~ to decide whether this whole



*[Faint, illegible handwriting on a single page of aged paper. The text is mostly obscured by fading and ink bleed-through from the reverse side.]*

sal  
Car  
int  
ton  
na  
+  
car  
mu  
the  
instr  
ton  
par  
not  
stat  
to  
in  
sch  
pro  
unc  
ph



sale dealing out of medical instructions contain in its operations, greater pecuniary interest to one, or the higher benefits of instruction to the hundreds. — There may be and no doubt there is a self complacent kind of calculation in a medical teacher in casting his eye ~~on the~~ <sup>on the</sup> ~~multitude of his pupils~~ <sup>multitude of his pupils</sup>. — But with ~~out~~ <sup>on the</sup> ~~the~~ <sup>the</sup> the present mode of practical instruction, it may be said of them as Milton has said in censure of a negligent pastor, "The hungry flock look up but are not fed." — From this censure which if my duty had allowed it I should have been happy not to have ~~known~~ <sup>known</sup> — I feel pleasure in accepting one instance of a German school — in which the means and end of practical instruction seem to have been fully understood and its <sup>designs</sup> ~~objects~~ successfully accomplished — here after the proper course of



This image shows a blank, aged, cream-colored page from a book. The paper has a slightly textured appearance with some minor discoloration and small dark spots, characteristic of old paper. The left edge of the page shows the binding of the book, with the adjacent page visible. The overall tone is warm and historical.



instruction it is made an essential qualification for a degree, that the candidate should in the public hospitals and in the presence of the professors go through the form of enquiry into the disease of the patient, ~~and~~ the description <sup>and treatment</sup> of his symptoms, ~~the treatment of~~ ~~the~~, and in short through the details of all ~~the~~ <sup>the</sup> circumstances of ~~thought or action~~ ~~the~~ involved in the practical duties of a physician - With a wise consistency they ~~make~~ <sup>make</sup> their examination on a practical branch, ~~to the only practical manner of~~ <sup>by obliging</sup> the student to ~~prescribe for the~~ <sup>the</sup> patient - The only test of ~~his~~ <sup>his</sup> ability to exercise ~~his~~ <sup>his</sup> profession - a young man taught in this manner and licensed by such an institution is a gift to the world - whilst he who graduates on the famed abundance of his master's words, and the strength of his own retentive memory, is too frequently



*[Faint, illegible handwritten text on a single page of aged paper. The text appears to be a continuous paragraph or list of entries, but the handwriting is too faded to transcribe accurately. There are several dark ink smudges and marks scattered across the page, including a prominent one near the center and another near the bottom right.]*

for  
who  
of  
chile  
and  
the  
can  
is of  
mon  
we  
effo  
There  
an  
Sud  
pro  
tha  
con  
of  
in



for the first years of his life the scorn of those  
who do not employ him - and the fatal cause  
of injury to those who meanly rely upon his  
skill - Why is a young physician so generally  
and indeed ~~so~~ justly considered ~~as~~ deficient  
in skill, and ~~as~~ constantly shun'd as igno-  
rant of his art? Whilst a young tradesman  
is often preferred for his activity and skill in  
workmanship - It may be said there is a  
wide difference between the object, and  
efforts of a liberal and a mechanics art.  
There is & confes some difference in the nature  
and variety ~~of objects~~ of these different pur-  
suits, when we look to the higher ~~accomplishments~~  
~~accomplishments~~ accomplishment, of the liberal  
profession - but with reference to much of  
that daily duty ~~which is~~ most interesting to the  
community and which from the frequency  
of its repetition <sup>becomes almost</sup> ~~becomes almost~~ as simple  
in its nature as a mechanical exercise, In



*[Faint, illegible handwritten text on a single page of aged paper. The text appears to be a continuous paragraph, possibly a letter or a journal entry, but the handwriting is too faded to transcribe accurately.]*

refo  
be  
an  
to  
me  
an  
cha  
bag  
wh  
new  
ter  
his  
can  
my  
men  
the  
by  
the  
one  
by



reference to this, a very limited difference will  
be found to exist <sup>ing</sup> between the mechanic  
and a physician, and in its utmost extent  
~~it~~ bearing no ~~kind~~ <sup>exhibited</sup> of proportion to the differ-  
ence ~~which is found~~ in their qualifications  
on ~~their~~ entering the world. - The young me-  
chanic is mostly possessed of all the know-  
ledge and manual skill of his master -  
whilst the young physician, having perhaps  
never seen the practical display of his mas-  
ter's knowledge and skill, may depart from  
his pretended tuition with very justifiable  
doubts of his possessing either. - There is no  
mysterious cause of difference in the acquai-  
ments and capabilities of these ~~two~~ persons.  
The mechanic is taught his art practically  
by precept and example and exercise, -  
the physician is taught theoretically ~~or in~~  
~~in a theoretical manner by reading books and~~ ~~and~~ ~~and~~ ~~and~~  
by listening to the mere precepts of his master -



*[Faint, illegible handwritten text on a single page of aged paper. The text appears to be a continuous paragraph or list of entries, but the handwriting is too light to transcribe accurately.]*

*[Faint, illegible handwritten text visible on the edge of the adjacent page to the right.]*



It may be considered as a happy condition  
of the arts and trades - that their followers,  
have never introduced the use of the pen and  
professorship into their schools of instruction.  
With the use of writing among them, ambition  
and avarice would long since have introduced  
the same mode of practical ~~teaching~~ <sup>in</sup> their  
occupations, ~~but that~~ <sup>adopted</sup> ~~has been~~ <sup>in</sup> adopted for scien-  
tific instruction; from the influence of motives  
not very dissimilar - Every one is so used to  
receive the little medical knowledge he ~~can~~  
acquire, by mere descriptive instruction, that fa-  
miliarity has blinded the perception of its ~~in~~  
~~defects~~ <sup>defects</sup>, Still the operation may be defended, that  
the visible or experimental mode if I may so  
term it, of teaching medicine, is as essential  
to the student, as manual operation is to  
the mechanic - and without it ~~the~~ young  
physicians as a class must continue to re-  
ceive that charge of ~~ignorance~~ <sup>ignorance</sup>, which is



✓ ~~The dissolution~~ This is now before  
that dissolved the union between verbal in-  
~~struction~~ struction, and demonstration, and if  
~~you will~~ you will pardon my degrading  
but <sup>illustrative</sup> ~~unsuitable~~ metaphor ~~it~~  
~~was a~~ ~~dissolution~~ — a union ordain-  
ed by truth and uniformity, never  
to be kept asunder, that



never made upon the mechanic except thro'  
the occasional asets of individual auless.  
It was a sad day for medicine ~~that day~~ in  
~~the lecture and demonstration & comparison~~  
~~for each other; showing out signs~~ that  
has bastardized all the instruction ~~that~~  
~~has~~ since sprung from it in nearly all  
the colleges and universities of the world.

It was in consequence of the failure of  
this mode of conveying medical knowledge  
and the confession of its insufficiency that  
an attempt was made to remedy the  
imperfection, and Clinical lectures were  
instituted to supply the want of demonstra'  
tion in the practical chairs - By <sup>the term</sup> clinical  
lectures is meant the actually detailed applica'  
tion of ~~the~~ the ~~subjoined~~ principles of  
medicine in all their various bearings, to  
the real state of disease, ~~as~~ obvious at the  
bed side of the patient, The establishment



V. When the number of pupils is great -



of these lectures was a wise and important step  
of improvement and from their short but es-  
sential instruction, more improve knowledge  
has been received than from ~~the~~ lengthened  
hours of mere professional discourse, un-  
accompanied by their clear and illustra-  
tive light. - An intimation is conveyed in the  
term Clinical lecture that the <sup>discourse</sup> ~~usual instruction~~  
should be given actually at the bed side of  
the patient, and in truth this would be the best  
and the only way to convey complete instruction.  
But there are some reasons that make it ~~un-~~  
convenient ~~when the student is present~~ ~~to give the lecture in part at an other time and~~  
place. - The symptoms of disease may be  
directed into those ~~known~~ seen or felt or  
heard by the physician, and those ~~known~~  
known from the feelings and description of  
the patient himself. To the first belong the  
pulse, skin countenance excretions and voice.  
~~In~~ <sup>In</sup> the last are included, pain and its varieties



*[Faint, illegible handwriting on a single page of aged paper. The text is mostly obscured by fading and bleed-through from the reverse side.]*

...the  
...ma  
...He  
...ly  
...or  
...me  
...much  
...tion  
...lion  
...om  
...Here  
...in the  
...date  
...was  
...to me  
...blan  
...con  
...the  
...the  
...and  
...then  
...a



together with symptoms, that have previously occurred  
and all ~~the~~ other sensations of the patient.

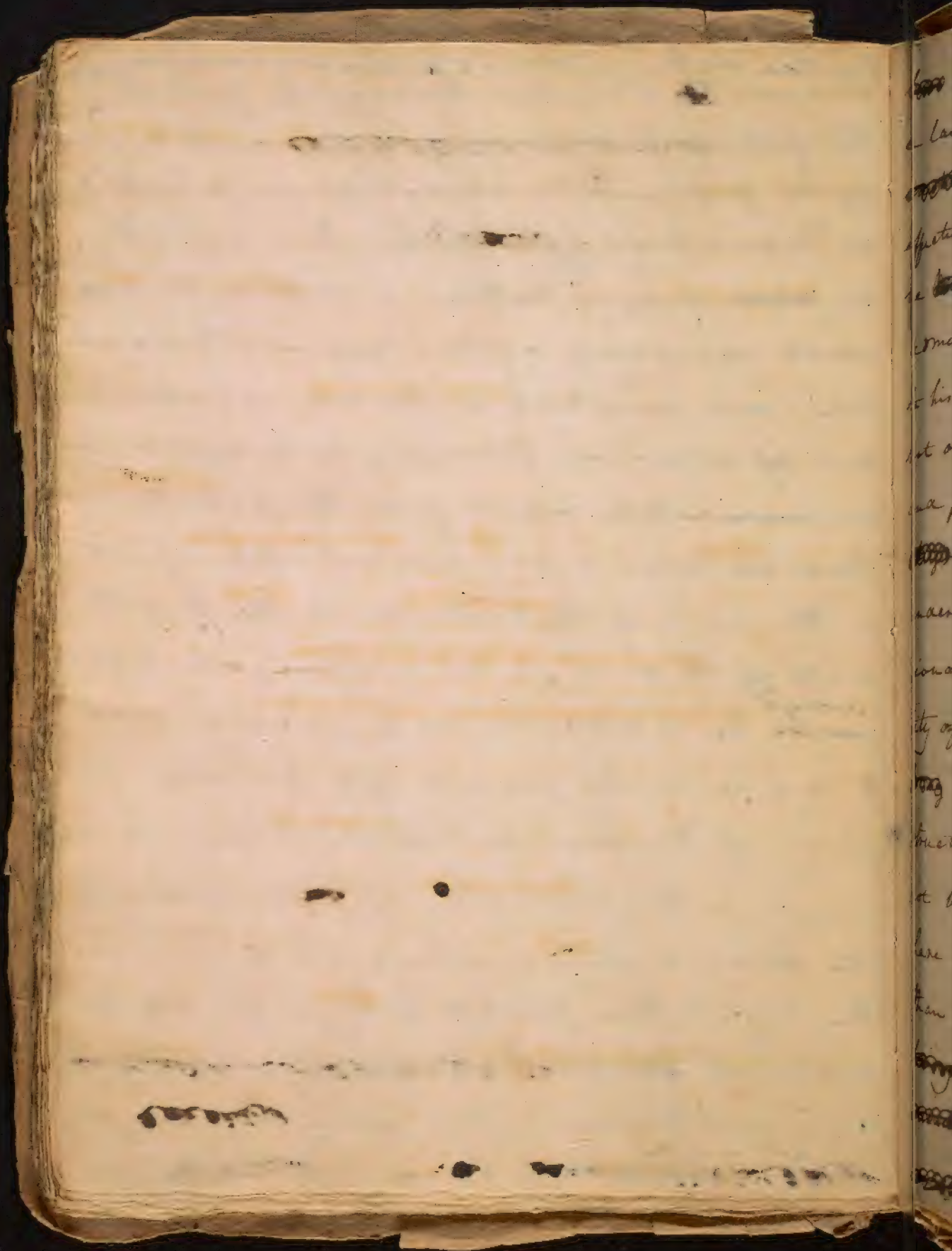
The first ~~of these symptoms~~ must be seen  
by the pupil, or they cannot be comprehended  
or remembered ~~by the pupil~~. When these symptoms  
are ~~once~~ demonstrated and known, there is  
much reasoning on their causes and connec-  
tions - and something on the use and opera-  
tion of remedies, that may be satisfactorily  
communicated remote from the patient.

There are also many remarks to be offered  
in the course of the treatment, on the present  
state of the case, or on its issue, which it  
<sup>would</sup> ~~might~~ be unadvisable or injurious or cruel  
to make in the presence of a patient. - That

plan of Clinical instruction therefore, which  
consists in the exhibition of ~~the~~ symptoms to  
the student, and a subsequent discourse on  
the objects there pointed out, fulfils ~~the~~ the  
design of ~~the institution~~ ~~the institution~~

their institution. - The system ~~now~~ ~~just~~  
<sup>described</sup> ~~is~~ is the best ~~that~~ ~~can~~ ~~be~~ ~~used~~ ~~in~~

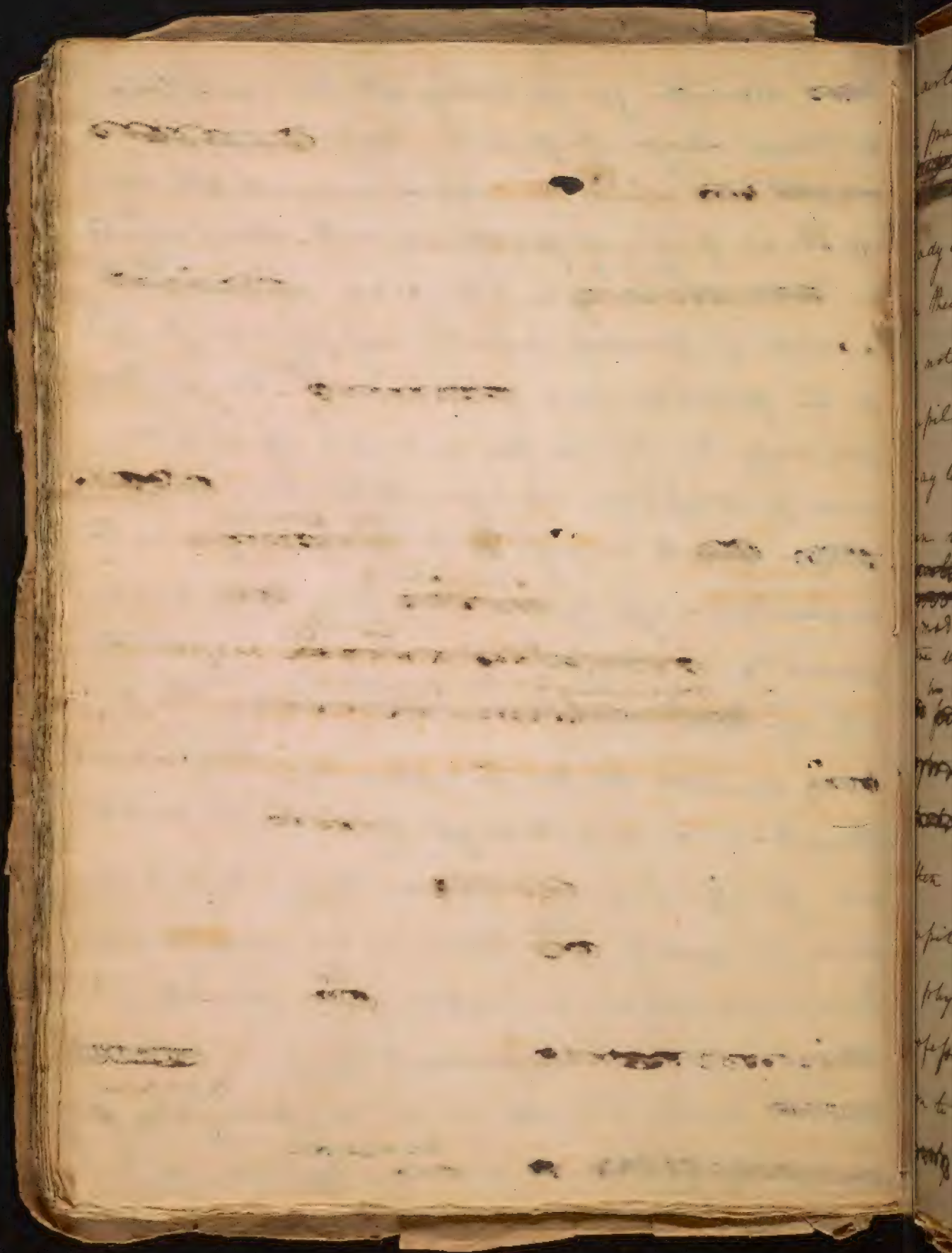






~~be~~ devised for instructing at the same time  
a large class of pupils - But ~~where~~  
~~where~~ where the number is small, the most  
effectual plan of practical instruction, would  
be ~~for~~ <sup>for</sup> a physician ~~to~~  
admit a limited number of private pupils  
to his practice, and ~~to~~ <sup>to</sup> oblige them  
not only to observe the example of enquiry  
and prescription set before them, but ~~to~~  
~~to~~ <sup>more forcibly</sup> to impress ~~it~~ <sup>it</sup> on their  
understandings by ~~submitting~~ <sup>submitting</sup> them ~~to~~ <sup>to</sup> occa-  
sionally ~~prescribing~~ <sup>prescribing</sup> for the patient  
the responsibility of ~~the~~ <sup>to the</sup> responsibility  
of ~~the~~ <sup>prescribing for the patient</sup> - This mode  
~~being~~ would be the best plan of clinical in-  
struction and although ~~perhaps~~ it could  
not be effected ~~on~~ <sup>on</sup> the external view  
here suggested, ~~yet~~ <sup>still</sup> there are no other means  
than inattention or neglect, ~~to~~ <sup>to</sup> prevent its  
~~being~~ <sup>being</sup> executed in a ~~manner~~  
~~more~~ <sup>more</sup> liberal and useful <sup>manner</sup> than  
~~it is~~ <sup>is</sup> ~~by~~ <sup>by</sup> those who







undertake to instruct private pupils in  
the practice of medicine - It is usually  
~~usually answered~~ answered, by those who are more  
ready in their apologies for neglect, than active  
in their schemes of duty, that it is sufficient  
is not impossible to gain admittance for the  
pupil to the chamber of the patient. There  
may be many females and some fastidious  
men to whom ~~this~~ <sup>this</sup> practice would be  
~~considered~~ <sup>offensive</sup> - But for the purpose of having  
a moderate number of students  
there would still remain ~~an opportunity~~  
in the practice of every  
~~for every~~ physician ~~to receive~~  
~~to receive a moderate number~~  
Many ~~of them~~ who would willingly and  
often thankfully receive the visits of a  
pupil - It may be further said ~~that~~ when  
a physician has gained that station in his  
profession at which he is generally called  
upon to receive private pupils - his business  
~~mostly~~ consists of patients of that class



*[Faint, mostly illegible handwritten text in cursive script, covering the majority of the page. Some words are difficult to decipher due to fading and bleed-through.]*

*[Small, dark, illegible mark or signature at the bottom left of the page.]*

*[Faint handwritten text visible along the right edge of the page, likely from the reverse side or an adjacent page.]*



ted class of society which would not bear  
the imposition of the practice. - If this rea-  
son be solid it certainly is ~~an~~ only in  
cities of the first magnitude as London or  
Paris where the noble and the wealthy form  
so numerous a class that they alone can  
employ and support the physician, whilst  
he who relies on the limited aristocracy of  
minor communities, may indeed keep up his  
fashion, but the small <sup>number of his patients</sup> ~~number of his patients~~ will  
certainly subject him to the risk of losing  
both his support and his knowledge. -

There is such an extended advantage in <sup>a</sup> ~~the~~  
practice ~~that~~ including even the poor, that the  
intelligent physicians who count his mind  
as well as his purse, will often find him  
self paid than the record of his <sup>cases</sup> ~~works~~  
may exhibit - But admitting the difficulty  
of obtaining this facility for the practical in-  
struction of students, it is still the duty of all  
professional teachers to aim at its accom =



Handwritten text, likely a letter or manuscript page, written in cursive script. The text is heavily faded and illegible. The page is aged and shows signs of wear, including discoloration and a dark, irregular stain near the center. The right edge of the page is torn, revealing the binding and the adjacent page.



phism, and the leaders of our profession  
whose views are extended and wise and useful  
and who are <sup>not</sup> governed by the narrow and  
sordid principles of common life, might ea-  
sily procure its admission to the midsts of the  
community - The first view of all the arts of life  
is repugnant to the feelings and reason of a  
savage, but the gradual and overpowering  
influence of genius and industry have at last  
converted this pertinacity to the more mean and  
able society of civilization - and ~~the~~ civilized ~~and~~  
society which still retains ~~the~~ traces of the barba-  
rian hesitation at adopting both truth and improve-  
ment - may ~~also~~ be brought by the same exertion  
of genius and industry, to ~~the~~ toleration of feel-  
ings and conduct ~~which~~ at first ~~was~~ oppo-  
sed by the powerful combination of pride and  
prejudice and reason. - There is a base  
and stupid sentiment ~~you will~~ sometimes  
~~uttered by~~ <sup>uttered by</sup> a class of men who have no mo-  
tives of action but those of avarice and



and gathered by those only who can  
not rise above any thing that wounds  
them.



self-engagement - and who either deny or defer  
that debt of obligation to society and posterity  
which the good and the great are every ready  
to acknowledge and discharge - that "he  
is a fool who is a wittier wiser than the  
age he lives in" - a sentiment, as degrading from  
its want of ambition as it is cowardly <sup>in</sup> ~~for~~  
its fear of enterprise - To such men the  
world owes nothing but contempt for their  
timorous prudence, and attestation of their  
selfish example - When such men seize upon  
the high places of the world they subject the  
present time to taxation without <sup>complan-</sup> ~~negotiate~~  
and leave posterity to ~~wrap~~ <sup>coil</sup> over all the ~~losses~~  
of their usurpation - The wise and devoted  
benefactors of mankind of all ages, in their  
dealings with the world, <sup>have</sup> established a sys-  
tem of exchange with this mode of nego-  
ciation, that the bills drawn by the present  
time, for value received in favor of our an-  
cestors, shall <sup>be</sup> ~~be~~ a disinterested <sup>and</sup> ~~transfer~~ <sup>transfer</sup>



*[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page.]*



be made payable to posterity. - I hope gentlemen  
men the spirit of enterprise which so strongly  
characterizes the ~~american~~ industry of the Ame-  
rican seaman and artist and merchant  
may not be wanting to the laborer in sci-  
ence, and that taking example by the ad-  
venturous settlers and founders of the west  
who are adding resources and happiness  
to our country, by thus running out <sup>the</sup> in  
advance of its <sup>population</sup> ~~being~~ - our philosophers may  
be found by their industry and indepen-  
dence, advancing before their age by the  
improvement and instruction they shed  
upon it. The man who is contented to  
mark his character in society on the ground  
that is below him, may be secure but he  
will be stationary, whilst he who in the pros-  
pectus hope of advancement <sup>carries</sup> ~~casts~~ out  
his anchor ahead of his time and station.







may with an equal security, if I may <sup>extend</sup> ~~carry~~  
my metaphor, warp himself into present  
usefulness and fame, and the grateful op-  
blause of posterity. - If then reason or truth  
point out the general benefit of an alteration  
or improvement ~~of the medical profession~~, it  
is only the fulfilment of a <sup>social and obligatory</sup> ~~social~~ duty ~~to~~  
~~the public~~ ~~to labour~~ <sup>to labour</sup> ~~in its~~ <sup>in its</sup> adoption  
There are many ways of <sup>introducing</sup> ~~introducing~~  
a pupil to the chamber of the sick, and re-  
cruiting them to the visits of a young man.  
I knew a late physician in this city who <sup>was</sup> ~~was~~  
<sup>scrupulous</sup> ~~was~~ <sup>in</sup> ~~in~~ taking  
pupils whom he could only instruct by his  
library or conversation, who ~~was~~  
~~was~~ frequently <sup>sent</sup> ~~sent~~ a pupil  
with a ~~prescription~~ <sup>prescription</sup>, or merely to en-  
quire into the state of the patient. - The  
appearance of a young man three or four



*[Faint, mostly illegible handwritten text on aged paper. The text appears to be organized into several horizontal lines or paragraphs, with some lines being more prominent than others. The ink is dark, and the paper shows signs of wear and discoloration.]*

*[Partial view of the adjacent page on the right, showing handwritten text that is mostly illegible due to the angle and focus.]*



times at the door, the solicitude of his enqui-  
ry, the very familiarity with his face, for  
you know there are often such influences  
~~and~~, Sclaw failed to create a kind of  
obligation among the members of a family  
and to ~~create~~ <sup>beget</sup> a confidence. That where  
there was no peculiar obstacle, often pro-  
cured him admission to the chamber of the  
patient - In the same unobtrusive manner  
I have known him send a student to sit  
up at night with a patient, or to watch  
the operation of an emetic, or to dress a blis-  
ter, or to bleed the patient, or to ~~be present~~  
direct <sup>by the pulse</sup> the quantity of blood ~~to be taken~~  
to be taken by ~~an~~ <sup>by a</sup> ~~bleeder~~ <sup>bleeder</sup> ~~and~~ - By the  
attention, or knowledge displayed in the per-  
formance of these duties, a feeling and re-  
liance were frequently created that after-  
wards procured a welcome admission -  
Some of the warmest and most trusting



*[The page contains several lines of extremely faint, illegible handwriting. There are three prominent horizontal black marks or redactions across the lower half of the page.]*

~~back~~  
sign  
the a  
lan  
de a  
to  
high  
~~and~~  
deal  
and  
mus  
~~and~~

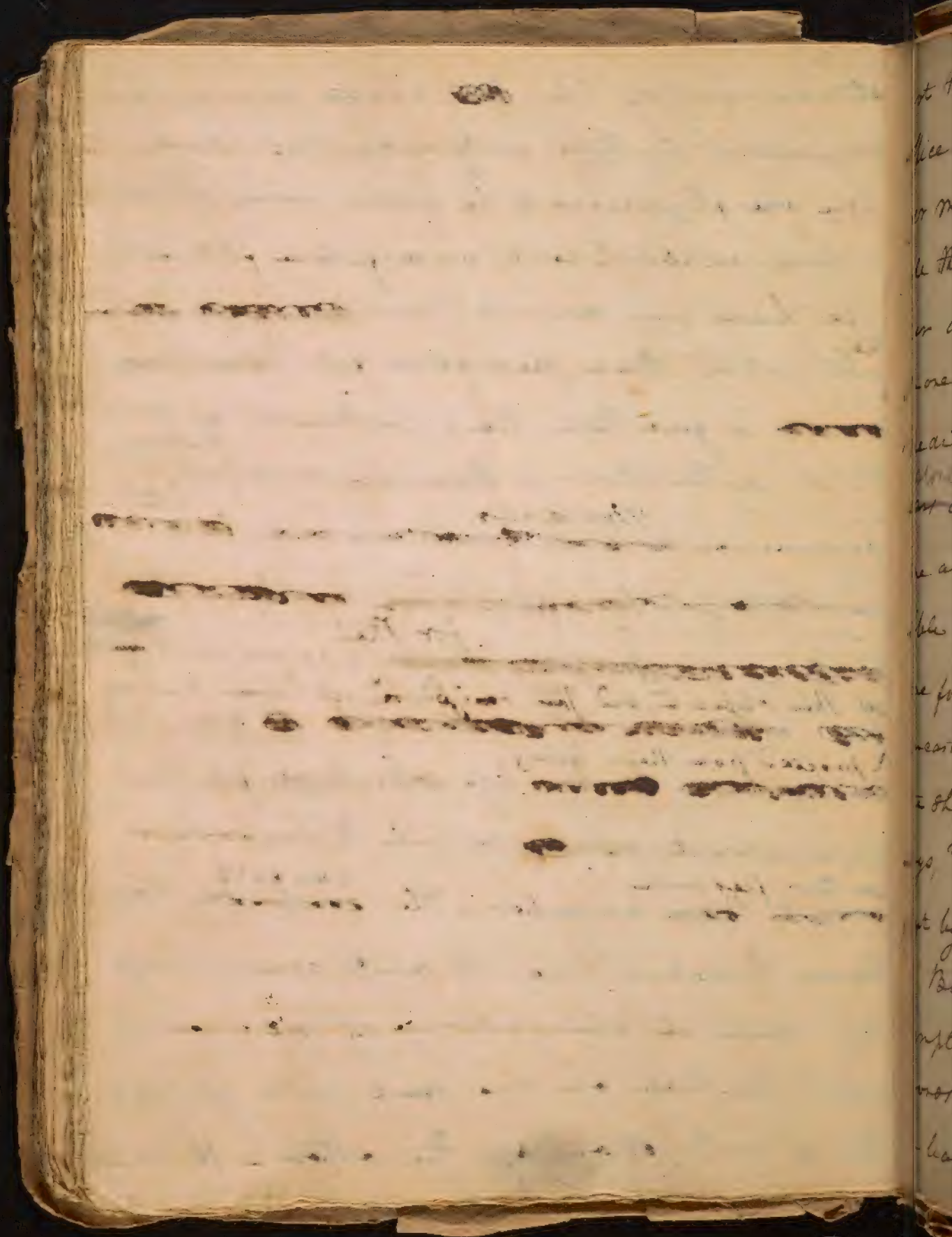
~~P. 100~~  
C. 118  
~~of~~  
P. 100  
~~and~~

from  
other  
~~and~~  
from  
to M  
inter  
real



attachments of life, ~~and~~ I have known, have  
originated in these early occasions - and  
there are physicians to be found every where  
whose establishment and a future fortune in  
life have been derived from ~~the~~ <sup>the</sup> ~~obligation~~ <sup>obligation</sup> their preceptors felt ~~themselves~~  
~~to~~ to give them the opportunities of prac-  
tical instructions - there are many <sup>political</sup> ~~means~~  
and ~~persuasive~~ <sup>means</sup> ~~and~~ ~~the~~ ~~means~~ ~~to~~ ~~be~~ ~~employed~~ ~~by~~ ~~physicians~~ ~~to~~ ~~achieve~~ ~~the~~  
~~purpose~~ ~~of~~ ~~the~~ ~~accomplishing~~ ~~of~~ ~~this~~ ~~object~~, and the ~~omnipotence~~ <sup>for the</sup> of these means  
~~can~~ ~~only~~ ~~proceed~~ ~~from~~ ~~these~~ ~~being~~ ~~the~~ ~~sole~~ ~~means~~ ~~for~~ ~~the~~ ~~accomplishing~~ ~~of~~ ~~this~~ ~~object~~, ~~it~~ ~~can~~ ~~only~~  
~~be~~ ~~achieved~~ ~~by~~ ~~the~~ ~~same~~ ~~means~~ ~~and~~ ~~the~~ ~~same~~ ~~means~~ ~~for~~ ~~the~~ ~~accomplishing~~ ~~of~~ ~~this~~ ~~object~~, ~~it~~ ~~can~~ ~~only~~  
improvement of ~~the~~ pupils than ~~for~~ ~~their~~ ~~fee~~ ~~and~~ ~~the~~ ~~number~~ - The <sup>compact</sup> ~~contract~~ be-  
tween teacher and student, consists of  
the mutual obligation of pecuniary  
contribution on one part and of prac-  
tical instructions on the other - it is







not the contract to furnish him with an office or with fire, nor does he pay him for mere conversation. — The benefit from all these he could have in his own chamber and from books, with much more comfort and at much less cost.

Medicine is taught <sup>by all the senses</sup> not so much ~~by the~~ <sup>alone by the ears</sup> ears as by the eyes and fingers — Words are as meager a coloring for new and visible ideas, as Celsus has asserted they are for the cure of diseases — when in that Socratic aphorism printed at some of the shallow medical haunts of Rome, he says, "Diseases are not cured by the tonic but by remedies."

But even allowing the knowledge of symptoms <sup>to be incommunicable</sup> ~~could be communicated~~ by words alone, still there is much more to be learned by a physician, if he would



*[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page.]*

word  
east  
the p  
life  
tion  
can  
use  
list  
mini  
high  
mate  
ity c  
oute  
nd  
drec  
will  
thous  
r/pin  
se  
theo



afford most benefit to others, gain most  
credit to himself and ~~give~~ <sup>give</sup> most elevation  
to his profession - Perhaps there is no calling  
of life which requires a more frequent appli-  
cation of those principles of conduct and  
manners ~~than~~ necessary in social inter-  
course, than the practice of medicine -  
whilst there are some forms and rules ~~which~~  
<sup>arising</sup> ~~from~~ directly from its peculiarities, and  
which must be learned in the school of  
practice alone - The physician's daily  
duty calls him into situations ~~that~~ <sup>ing</sup> produce a  
contact with every <sup>form</sup> ~~variety~~ of opinions  
and feeling - The wise and ignorant, the  
refined and the vulgar, <sup>poverty and wealth</sup> ~~the rich and the poor~~  
variety of age, sex and temper -  
~~children and young men, and women, the~~  
~~the physician and the patient~~, each in rapid  
and endless ~~with~~ <sup>making</sup> succession, ~~presenting~~  
extraordinary and different demands



*[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page.]*



upon him, <sup>and calling</sup> for a dextrous play at all the  
arts of judgment and reflection, of caution  
and of kindness, ~~and~~ of forbearance and  
resolution. — There is besides a mode of be-  
sides in medicine as in every other pur-  
suit, ~~which can only~~ <sup>to</sup> be learned <sup>only</sup> by the imi-  
tation of a master, and ~~by~~ the tedious  
arid of practice. — Can these things be  
taught by books or lectures or conversa-  
tion? — Practical execution is essential  
to the acquisition of all knowledge, from  
the efforts of infant speech, to the high  
and commanding powers of the general  
and statesman. —

The <sup>just laid</sup>  
~~It is~~ views ~~which I have been laying~~  
before you ~~that~~ <sup>have</sup> urged me to aim at  
adding something to the medical instruction  
of the winter, by <sup>giving</sup> ~~establishing~~ ~~in the~~ ~~lectures~~  
~~room of the city~~, a course of Clinical



1. *Chrysomelidae*  
 2. *Chrysomelidae*  
 3. *Chrysomelidae*  
 4. *Chrysomelidae*  
 5. *Chrysomelidae*  
 6. *Chrysomelidae*  
 7. *Chrysomelidae*  
 8. *Chrysomelidae*  
 9. *Chrysomelidae*  
 10. *Chrysomelidae*  
 11. *Chrysomelidae*  
 12. *Chrysomelidae*  
 13. *Chrysomelidae*  
 14. *Chrysomelidae*  
 15. *Chrysomelidae*  
 16. *Chrysomelidae*  
 17. *Chrysomelidae*  
 18. *Chrysomelidae*  
 19. *Chrysomelidae*  
 20. *Chrysomelidae*  
 21. *Chrysomelidae*  
 22. *Chrysomelidae*  
 23. *Chrysomelidae*  
 24. *Chrysomelidae*  
 25. *Chrysomelidae*  
 26. *Chrysomelidae*  
 27. *Chrysomelidae*  
 28. *Chrysomelidae*  
 29. *Chrysomelidae*  
 30. *Chrysomelidae*  
 31. *Chrysomelidae*  
 32. *Chrysomelidae*  
 33. *Chrysomelidae*  
 34. *Chrysomelidae*  
 35. *Chrysomelidae*  
 36. *Chrysomelidae*  
 37. *Chrysomelidae*  
 38. *Chrysomelidae*  
 39. *Chrysomelidae*  
 40. *Chrysomelidae*  
 41. *Chrysomelidae*  
 42. *Chrysomelidae*  
 43. *Chrysomelidae*  
 44. *Chrysomelidae*  
 45. *Chrysomelidae*  
 46. *Chrysomelidae*  
 47. *Chrysomelidae*  
 48. *Chrysomelidae*  
 49. *Chrysomelidae*  
 50. *Chrysomelidae*  
 51. *Chrysomelidae*  
 52. *Chrysomelidae*  
 53. *Chrysomelidae*  
 54. *Chrysomelidae*  
 55. *Chrysomelidae*  
 56. *Chrysomelidae*  
 57. *Chrysomelidae*  
 58. *Chrysomelidae*  
 59. *Chrysomelidae*  
 60. *Chrysomelidae*  
 61. *Chrysomelidae*  
 62. *Chrysomelidae*  
 63. *Chrysomelidae*  
 64. *Chrysomelidae*  
 65. *Chrysomelidae*  
 66. *Chrysomelidae*  
 67. *Chrysomelidae*  
 68. *Chrysomelidae*  
 69. *Chrysomelidae*  
 70. *Chrysomelidae*  
 71. *Chrysomelidae*  
 72. *Chrysomelidae*  
 73. *Chrysomelidae*  
 74. *Chrysomelidae*  
 75. *Chrysomelidae*  
 76. *Chrysomelidae*  
 77. *Chrysomelidae*  
 78. *Chrysomelidae*  
 79. *Chrysomelidae*  
 80. *Chrysomelidae*  
 81. *Chrysomelidae*  
 82. *Chrysomelidae*  
 83. *Chrysomelidae*  
 84. *Chrysomelidae*  
 85. *Chrysomelidae*  
 86. *Chrysomelidae*  
 87. *Chrysomelidae*  
 88. *Chrysomelidae*  
 89. *Chrysomelidae*  
 90. *Chrysomelidae*  
 91. *Chrysomelidae*  
 92. *Chrysomelidae*  
 93. *Chrysomelidae*  
 94. *Chrysomelidae*  
 95. *Chrysomelidae*  
 96. *Chrysomelidae*  
 97. *Chrysomelidae*  
 98. *Chrysomelidae*  
 99. *Chrysomelidae*  
 100. *Chrysomelidae*



in the Philadelphia almshouse  
lectures. - Since the death of the late Dr.  
Rush who held the clinical chair in the  
University, there has been no instruction <sup>we</sup> given  
in this department in this city - and tho' ~~there~~  
~~are~~ <sup>we</sup> have two extensive hospitals ~~in the city~~ of  
providing every facility for the purpose, still the  
want of it has continued to be felt by  
each successive class of students -  
a public hospital is the only place where  
clinical lectures can be delivered to a  
class. - for here a ready access can be ob-  
tained for the student - The patients are  
of a class that both ask and receive less  
solicitude than would be necessary in pri-  
vate practice, & there are more frequent  
opportunities of inspecting the bodies of the  
dead. - The use of <sup>common</sup> old but powerful and  
unsuspectable remedies, <sup>on</sup> ~~and~~ the <sup>introduction</sup> ~~adoption~~ of  
new ones - is ~~so~~ nearly approximated by the



• They may not on the skill and decision  
of an experienced physician make a  
demand greater



expriences of the patient or the prejudices  
of friends. - It is in hospital, ~~that~~ the most  
abundant means are afforded of studying  
the nature and cause of chronic and in-  
curable diseases - in an acquaintance  
with which the student is more generally  
deficient than with the acute - and which  
~~is~~ <sup>so they may not really</sup> ~~the~~ <sup>to the experienced physician, they</sup>  
~~consequently make a greater demand on his skills~~  
~~and decisions~~ than others of shorter duration  
yet they evidently create on the public, a  
stranger and more lasting impression of  
his foresight and judgements -

But there are further some disadvantages  
in hospital practice of which it may be  
necessary to apprise you - Here you rarely  
meet with diseases in their forming state  
or in their first stage. You cannot always  
learn the account of their previous treatment







if they have been attended by other physicians  
~~in the hospitals~~, you see fine children  
in hospitals - you have feigned diseases, and  
a class of patients in whom there is not the  
strict regard to veracity, you scarcely  
ever see epidemics - you rarely visit a  
patient more than once a day, and in some  
hospitals only twice or thrice a week;  
~~you~~ <sup>seldom</sup> ~~find~~ find good nursing or  
that attention to the sick ~~affording~~ <sup>affording</sup> the  
best insurance to their treatment. -

~~Interpreting~~ The course of clinical  
lectures I propose to deliver <sup>conducted</sup> shall be as  
valuable, but first I beg it to be plainly  
understood, that I shall do it as prescri-  
bing physician of the Alms House ~~as~~ =  
~~part of whose duty it~~, part of whose duty it  
is to instruct the students who attend him



*[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page.]*



and consequently that a ticket of ad-  
mission to the practice of the house, will  
be the admission ticket to them, and for  
which no additional charge will be  
made - I shall be satisfied with your  
approbation, for I believe gentlemen that  
<sup>in our profession</sup> there are, ~~other ways in which profession~~  
<sup>than</sup> ~~the way of wealth, and the ordinary~~  
~~profession for have travelled to them~~

The lectures will be delivered twice a week  
on the afternoon or evening of the preceding  
days. - From among the patients of the  
house I will select, and report upon those  
that seem best calculated to exhibit and  
~~illustrate~~ the <sup>phenomena</sup> ~~knowledge~~ of the diseases  
and the operation of remedies. There re-  
ports will be accompanied with ~~the~~ <sup>the</sup>  
Anatomical and pathological re-  
marks ~~not only~~ meaning for the ex-







planation of symptoms and modes of  
cure. - More than common attention will  
be given to the subject of the pulse, and  
the knowledge of it taught not by descrip-  
tion alone but in a palpable ~~mode~~ by the  
wrist of the patient - I hope too on this sub-  
ject to offer ~~some~~ some new <sup>observations</sup> ~~on~~  
the healthy and morbid functions of the  
circulation. - After the report on the selected  
cases ~~finished~~, I will each evening give  
a connected lecture on some one of the  
various ~~parts of the subject~~ ~~the subject~~  
of practically consid<sup>ered</sup> ~~ation~~, ~~and~~ thus <sup>adding a</sup> ~~a~~ more  
general and a systematic view of the sub-  
ject, ~~being~~ ~~guided~~ to the particular and  
systematic dissection <sup>remarks</sup> ~~of~~ of the Clinical  
report. -

In the execution of my duty I shall be  
glad to share the benefit with you but



The maxim is —

"The that <sup>satter the</sup> ~~earth~~ <sup>encreaseth</sup>" is true  
in the <sup>cultivation of the soil</sup> ~~of the earth~~ than he does in the distri-  
butions of instruction —

✓ The medical character of our city —  
It is the duty of every member of  
the profession to forget the curious  
scandal



I can only dare to ~~hope~~ pronounce ~~that~~ your  
advantage will be equal to mine - ~~that~~  
~~in the course of the~~  
~~past few years~~ ~~in the course~~  
~~of the past few years~~ ~~in the course~~  
~~of the past few years~~ ~~in the course~~  
There  
is a search of mind in a zealous endeavour  
to convey instruction that avails the object of  
its pursuit. - Nor am I without the desire  
to add something however small to  
the accumulated mass of medical know-  
ledge, of ~~our city~~, created by the labours of  
the past and present leaders of instruction  
in Philadelphia have been  
told ~~but yesterday~~  
of the falling off of ~~our city~~ and ~~our school~~  
~~in the course of the past few years~~ in the fulness  
of ambitious exertion - Our ~~no~~ teachers  
of the last epoch, of whom there still is



33  
This was the last introductory  
lecture I delivered - The smallest  
class I ever could collect was  
by degrees <sup>so far</sup> diminished, ~~by the~~ through  
influence of the University of  
Pennsylvania, and its Magazine  
cont, then my efforts were that  
year altogether broken down -  
whether by the power of their tricks  
and numbers, or by their over-  
whelming intelligence, I have to  
after times to decide. — JH.



mains a useful an honorable and a  
powerful relict, have intrusted to their suc-  
cessors in this city a rich talent of me-  
dical knowledge and fame — Prase and  
reward be to his faithfuls who shall in-  
crease it with interest! Let him be  
as much as unworthy his trust who shall  
merely wrap it in the napkin! — But woe  
to him who suffers one atom of was-  
ting rest upon it. ~ ~ ~ ~ ~

James Rush

Philadelphia

October 1818.



